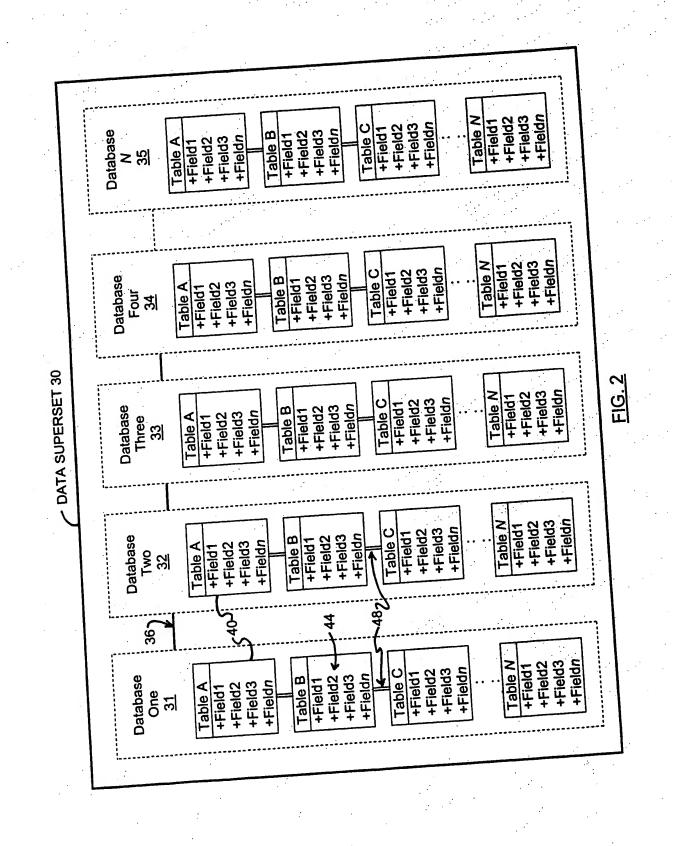


Title: Data Structure and Management System for A Superset of Relational Databases Inventor(s): Timothy C. Owens, Bruce E. Harrison Application No:
Atty Dkt No: 018360/246794



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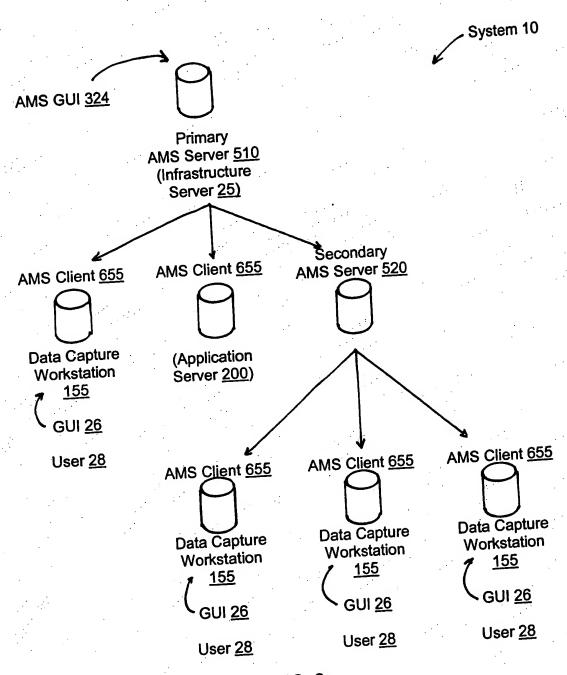


FIG. 3

Title: Data Structure and Management System for A Superset of

Relational Databases
Inventor(s): Timothy C. Owens, Bruce E. Harrison

Application No: Atty Dkt No: 018360/246794

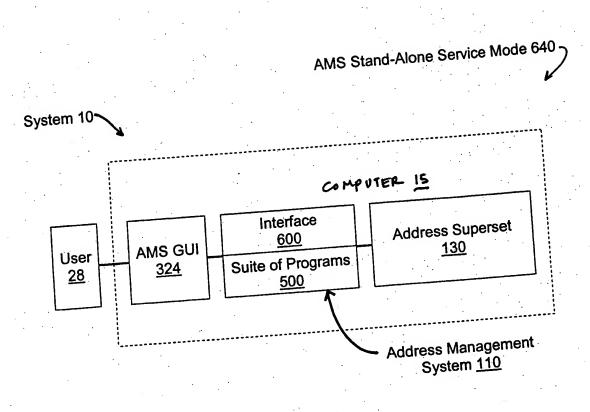


FIG. 4

Title: Data Structure and Management System for A Superset of

Relational Databases

Inventor(s): Timothy C. Owens, Bruce E. Harrison

FIELDS

(row i, column j)

Row 1

Row 2

Row 3

Row 4

Application No:

Record 42

Atty Dkt No: 018360/246794

Table 40 Field 44 Column Column Column 3 2 Field (1,3) Field (1,2) Field (1,1) Field (2,3) Field (2,2) Field (2,1) Field (3,3) Field (3,2) Field (3,1)

Field (4,3)

Field (4,2)

FIG. 5

Field (4,1)

Value 46

	•			
VALUES	Column 1	Coli	umn 2	Column 3
Row 1	0	₽s.	mith	0
Row 2	0		0	0
	27		0	0
Row 3	19	1	0	260B
Row 4	10	┸		1

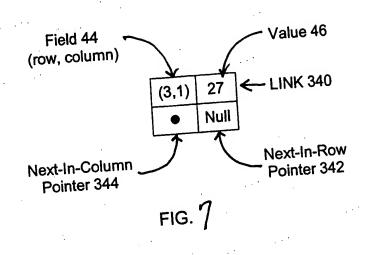
FIG. 6

Title: Data Structure and Management System for A Superset of

Relational Databases

Inventor(s): Timothy C. Owens, Bruce E. Harrison

Application No: Atty Dkt No: 018360/246794



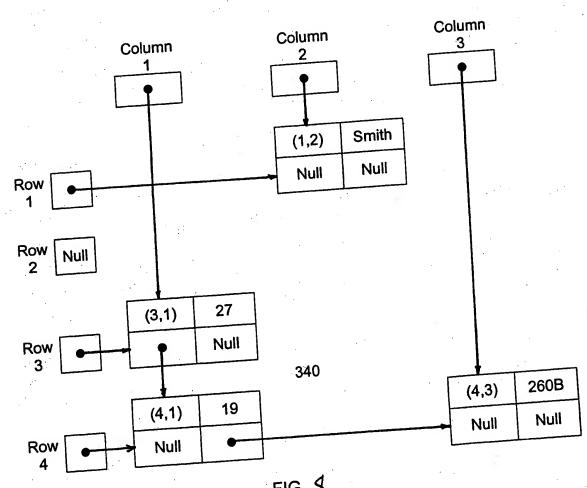
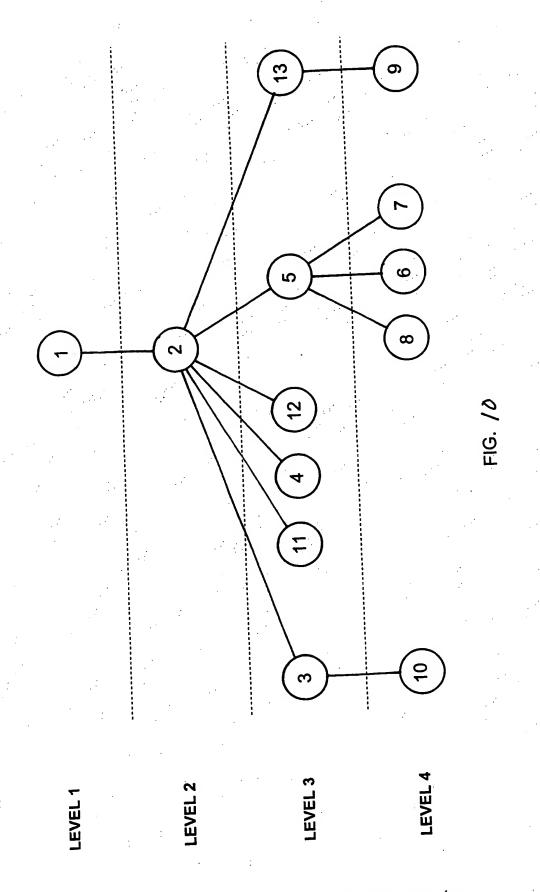


FIG. 8

- Postal Preferred Table 141.1

4+ 600	2028 2028 2028 2028 2017 2017 2030 2080 2085 2042 2042
Ħ	430C 600 600 600 600 800 800 800 430B 450 800
2	100 430C 500 600 600 800 310 450 800
Sec	STE
	CMTE
Consignee	APC AM POLLING NORCO PLEXTON ACME CORP
Odd/ Even	ппппппппппппп
Hi	498 440 440 440 440 440 440 9 440 0 440 0 440
Lo	440 440 440 440 440 440 440 440 440
Type	ST S
Street	FIRST FIRST FIRST FIRST FIRST FIRST FIRST FIRST FIRST FIRST FIRST FIRST
Token	T1 T2 T3 T4 T5 T6 T6 T7 T10 T10
Zip	20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001
Node	-1

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		αò	∞	س	28 42 42	2028	2030	2017	2080	
+4		2023	2028	2085	2042 2028 2042	50			· · · · · · · · · · · · · · · · · · ·	. 18 -11
Hi			400	310	430B 430C 450	909	200		800	
Lo			001	310	430A 430C 450		500		3 800 E 800	
Sec		. •	GT.	STE	STE STE STE	STE	STE		STE	
								; CMT		
Consignee	9.24		. • •	ACME CORP		. •	8	AM POLLING CMTE	PLEXTON	
ć				ACME		•	NORCO	AM	PLE	·:
/ppc	Even	斑	田	田田		ъ	шш		<u>ш</u> ш	//
	H.	498	440	440 440	•	440		440	0 440	FIG.
	ro To	440	440	440	440	440		440	440	. The state of the
	Type	ST	ST	ST	ST	ST	ST		ST	. ••
. ··	Street T)	FIRST	FIRST	FIRST	FIRST FIRST	FIRST	FIRST			
	Zip S	20001 F	20001 I		20001	20001	20001	20001	Level 3 20001 Level 4 20001	•
-		Level 1	Level 2		Level 4 Level 3 Level 3	Level 3	Level 3 20001	Level 4	Level 3 Level 4	:.** -
	NODE TOKEN LEVEL		T2	T3	T10	T11	TS	71 120	T12	-
	NODE	H	7	ю	11	12	w (æ v	13	א

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Application No:

Atty Dkt No: 018360/246794

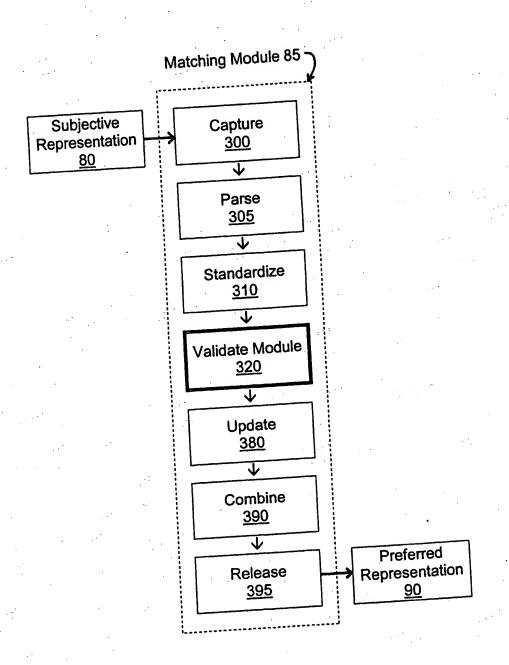


FIG. 12

Title: Data Structure and Management System for A Superset of Relational Databases Inventor(s): Timothy C. Owens, Bruce E. Harrison Application No: Atty Dkt No: 018360/246794

Alias	Street	Type		+	AVE	11/14	AVE	0	AG	AVE	ב כ	AVE	7				
	00000	Alias Street Ivaline	AVENIE OF THE AMERICAS	AVENO	בו די		H		AVENUE OF THE AMERICAS		SIXTH		GTH	\neg			
	100	Street	; i	AVE							1/V	7	AVE	AVE			
		Street Name		ВТН		AVENUE OF THE AMERICAS	745.00	AVENUE OF AMERICAS		AVENUE OF AMERICAS		6TH		SIXTH			
142)	*	ZIP Token		14004		T4081		T 4004 m	140016	44004	14001	TANA	001	T4081	-	T4081	-
Street Alias Table 142				1	10015	1	10015 7 400 1		10015	1004	CIONL	4004	1001	40045	2001		
Street Al								702									